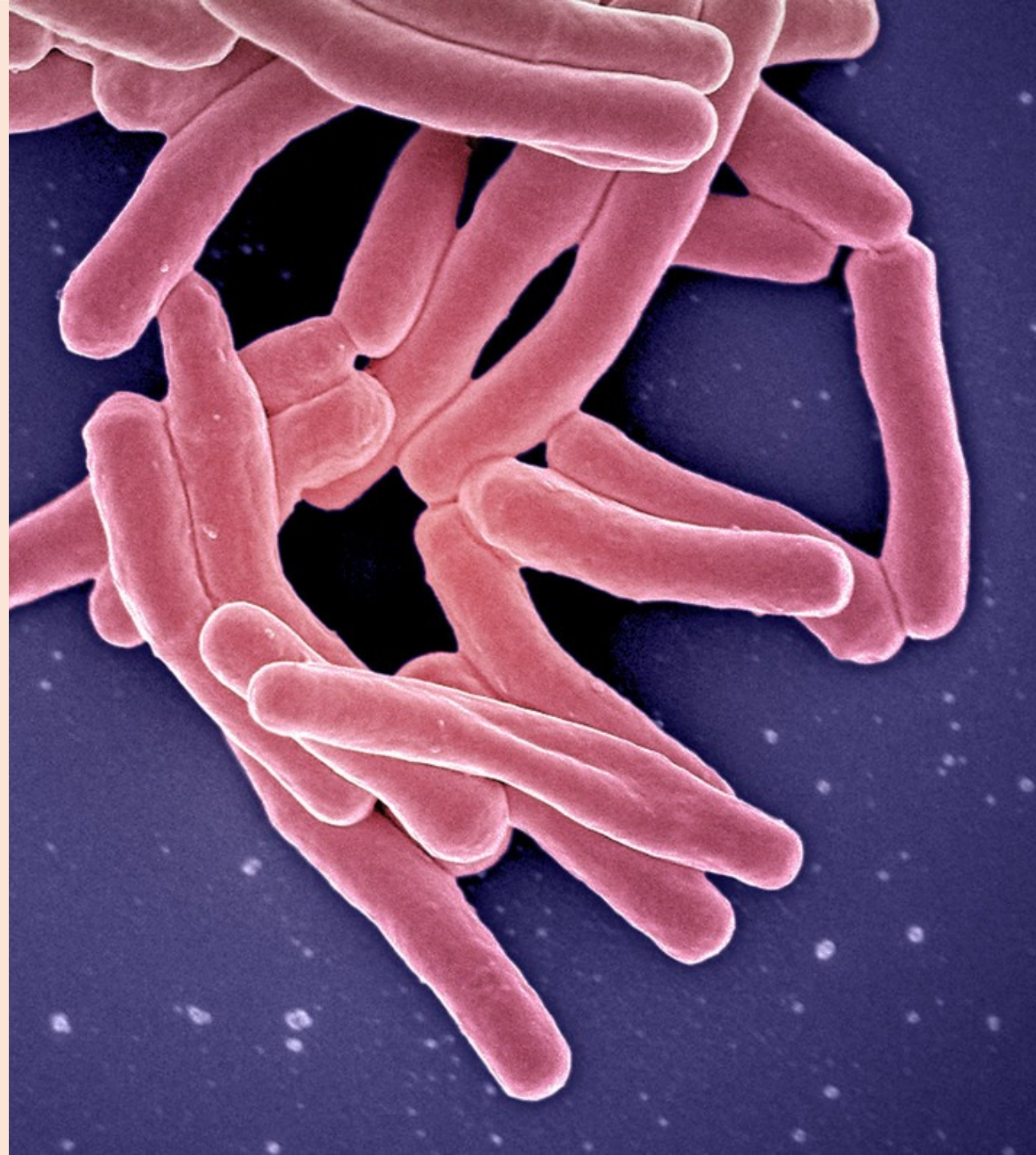


Tuberculosis

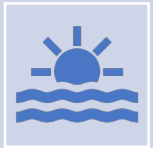
**The pathogen that causes
this infectious disease
is "Mycobacterium
tuberculosis"**



What is tuberculosis?



Tuberculosis is a disease caused by the bacterium *Mycobacterium tuberculosis*.



It was first found in Tilt Yam, a city now under the Mediterranean Sea, off the coast of Israel.

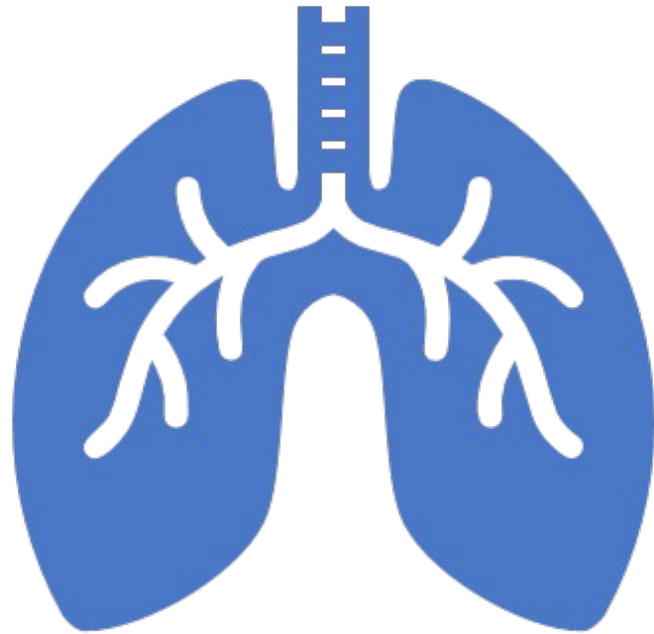


Archeologists found TB in the remains of a mother and child buried together.



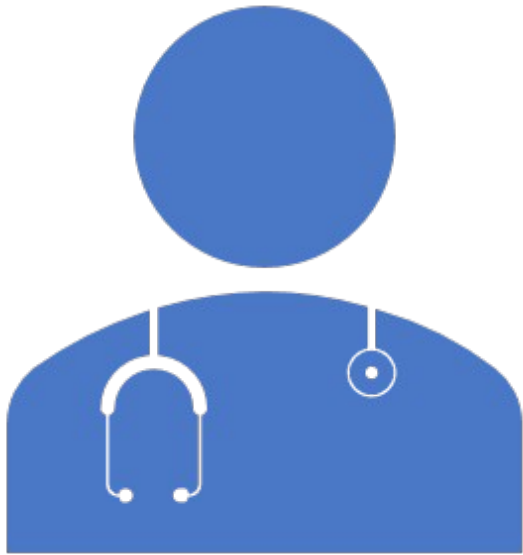
What is "Mycobacterium tuberc ulosis"

- Mycobacterium tuberculosis causes bacteria that usually attack the lungs, but TB bacteria can attack any part of the body such as the kidney, spine, and brain.



How is it transmitted?

- They transmit through the air when someone who is sick with TB disease of the lungs or throat cough, or speaks.

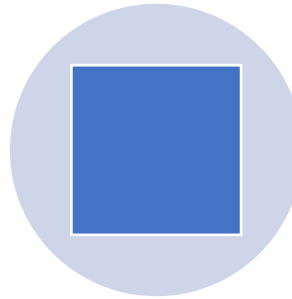


Symptoms

- Persistent cough (which lasts for more than 2 weeks)
- Cough with blood in sputum
- Fever for more than 2 weeks
- Pain in chest
- Weight loss
- Night sweats
- Loss of appetite



Treatments

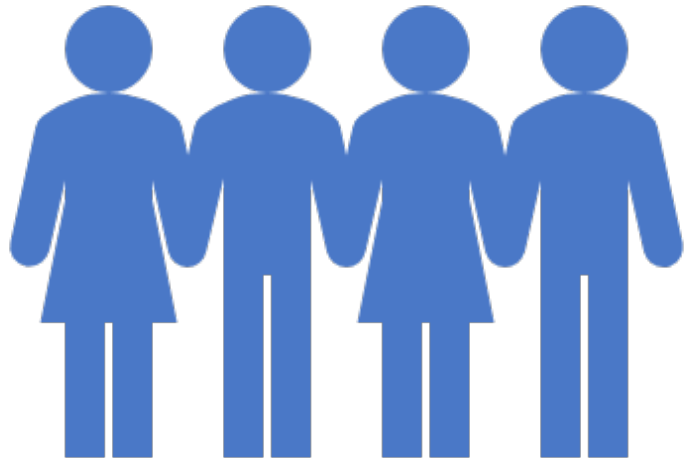


Bandaging can help healing, prevent infections, and protect skin from injury.



There is a vaccine available for tuberculosis (TB) called "Bacillus Calmette-Guérin (BCG)"

Vaccines



Impact

- In 2021, an estimated 10.6 million people fell ill with tuberculosis (TB) in the whole world.
- A total of 1.6 million people died from TB in 2021 .
- US\$ 13 billion is needed annually for TB prevention, diagnosis, treatment and care.